

Amendments to the Specification:

Please replace the paragraph on page 1, lines 4-5 with the following amended paragraph:

This application is a divisional of U.S. application no. 09/546,986, filed April 11, 2000, which is a continuation-in-part (CIP) of U.S. application no. 09/524,730, filed March 14, 2000. Each of the foregoing applications is herein incorporated by reference in its entirety.

Please replace the paragraph beginning at page 39, line 8 with the following:

The BCA-GPCR of the assay will be selected from a polypeptide having a sequence of SEQ ID NOS:2, 4, 6, or 8 or conservatively modified variant thereof. Alternatively, the BCA-GPCR of the assay will be derived from a eukaryote and include an amino acid subsequence having amino acid sequence identity SEQ ID NOS:2, 4, 6, or 8-SEQ ID NOS:1-2, or 7. Generally, the amino acid sequence identity will be at least 70%, optionally at least 85%, optionally at least 90-95%. Optionally, the polypeptide of the assays will comprise a domain of an BCA-GPCR, such as an extracellular domain, transmembrane domain, cytoplasmic domain, ligand binding domain, subunit association domain, active site, and the like. Either an BCA-GPCR or a domain thereof can be covalently linked to a heterologous protein to create a chimeric protein used in the assays described herein.

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 13, at the end of the application.